

APPENDIX 3

Corresponding areas between the instant
antigen peptides and MT-MMPs

-資料1：明細書記載の抗原ペプチドとMT-MMPs 相同領域-

-配列番号5- SEQ ID NO: 5

MT1-MMP RCGVPDKFGAEIKANV--RRKRYAIQGLKWQHNEITF

MT2-MMP RCGVPDQFGVRVKANLRRRKRYALTGRKWNNHHLTF

MT3-MMP RCGVPDQTRGSSKFHI--RRKRYALTGQKWQHKHITY

homology

(相同性)

31% (5/16)

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-配列番号6- SEQ ID NO: 6

MT1-MMP AFRVWESATPLRFREV~~PY~~AYIREGHEKQADIMISFGIKEHGDFY

MT2-MMP AFRVWEQATPLVFQE~~PY~~EDIRLRRQKEADIMIFFAEGFHGDST

MT3-MMP AFDVWQNVTPLTFEE~~PY~~-SELENGKRDADIMVLFASGFHGDSS

homology

(相同性)

33% (5/15)

27% (4/15)

-配列番号7- SEQ ID NO: 7

MT1-MMP EAWLQQYGYLPPGDLRTHTQRSPQSLSAIAAMQKFYGLQVTG

MT2-MMP ENWLRLYGYLPQP~~S~~RHMSTMRSAQILASALAE~~M~~QRFYGYIPVTG

MT3-MMP EVWLQKYGYLPPTSPRMSV~~V~~RSAETMOSALAAMQQFYGINMTG

homology

(相同性)

28% (5/18)

44% (8/18)

-配列番号8- SEQ ID NO:

MT1-MMP GGDTHFDAEPWTVRNEDLNGNDIFLVAVHELGHALGLE

MT2-MMP GGDTHFDADEPWTFSSTD~~L~~HGNNLFLVAVHELGHALGLE

MT3-MMP GGDTHFD~~S~~DEPWT~~L~~GNPNHDGND~~L~~E~~L~~VAVHELGHALGLE

homology

(相同性)

50% (7/14)

36% (5/14)